

**Road Safety Unit of Work**

Reference:

Using Land Transport New Zealand web site: [www.nzta.govt.nz](http://www.nzta.govt.nz). Look for Land Transport NZ page; go to ‘Research and Statistics’ scroll down to ‘Statistics’ - Road Deaths.

At the bottom of the page link to “road deaths over the last five years.” At the left of the page there are some interesting links: cycle helmets 2008; cyclists; motor cyclists; motor cyclists; motor vehicle crashes (regional road safety issue reports → where you live down load PDF); pedestrian; road toll; social cost of road crashes and injuries; young driver.

Curriculum Areas:

Mathematics

Language

Information Technology

Mathematics

Strand: Statistics

Recognise appropriate statistical data for collection, and develop the skills of collecting, organising and analysing data, and presenting reports and summaries.

Language

Strand: Processing Information

Understand, report to, and use written language effectively in a range of contexts.

Information Technology

Understanding the use and operations of technologies

Programme:

**Introduction:**

We often hear of the fatalities after a holiday weekend, such as Christmas Holiday, Easter, Queens Birthday and Labour Weekend. News items will report on whether this has been a ‘good’ year (no fatalities, fatalities down) or a ‘bad’ year (fatalities up). Where does all this information come from? Where does it go? And what is done with it?

Open website [www.nzta.govt.nz](http://www.nzta.govt.nz) and open Land Transport NZ page → go to ‘Research and Statistics’ → ‘Statistics - Road Deaths’

Prepare three bar graphs from this page. Use especially 12 months to ...

This page is updated every day.

Prepare three summary statements for what you have observed.

Prepare three summary statements for what you have observed in the section “Year from 1 Jan.”

**Section 2**

Use the graph Weekly road deaths update by Local Government Region as at midnight ......

Make five summary statements from this information.

(Where are the lowest figures - why? Highest - why? Surprises - why?

Search for the page road deaths over the last five years

Are there any patterns you notice from this data?

The Government through the Land Transport Agency is hoping to have the Road Toll below 300 by 2010. Do you think this aim will be reached? Why / why not?

What do you notice they are doing to try to get to this figure? Is this being successful?

**Section 3**

Using the section Motor vehicle crashes → regional road safety issue report → ‘where you live’ (download PDF)

Read this report and prepare two statement (summaries) from each chapter.

**Section 4**

Each child now chooses a section from the Road deaths over the last five years left hand box and prepares a brief report form one / two of these. Each child to prepare their summary from a different perspective of: cycle helmets 2008, cyclists, motor cyclists, pedestrians, road toll and young drivers. (The social cost of road crashes has been left off.

**Section 5**

Using social cost of road crashes children read this and work out the cost to the country of all road fatalities each year. Children may like to use the figures from their area and work out the cost of fatalities, serious accidents, non-injury accidents it costs each year. How are they figures created?